

LRRC45 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11368b

Product Information

Application	WB, IHC-P, IF, FC, E
Primary Accession	Q96CN5
Other Accession	NP_659436.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29103
Calculated MW	75951
Antigen Region	615-643

Additional Information

Gene ID	201255
Other Names	Leucine-rich repeat-containing protein 45, LRRC45
Target/Specificity	This LRRC45 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 615-643 amino acids from the C-terminal region of human LRRC45.
Dilution	WB~~1:1000 IHC-P~~1:100~500 IF~~1:10~50 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LRRC45 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LRRC45
Function	Component of the proteinaceous fiber-like linker between two centrioles, required for centrosome cohesion.

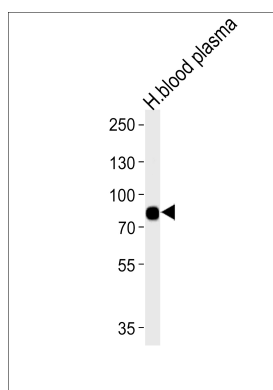
Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.
Note=Localizes to the proteinaceous linker between the proximal ends of the centrioles

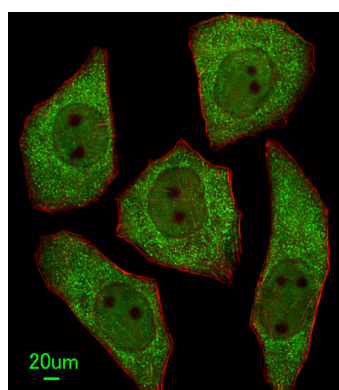
References

Olsen, J.V., et al. Cell 127(3):635-648(2006) Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

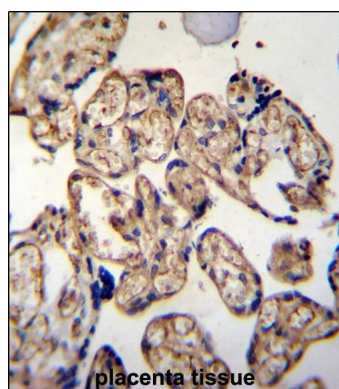
Images



Western blot analysis of lysates from human blood plasma tissue (from left to right), using LRRC45 Antibody (C-term) (Cat. #AP11368b). AP11368b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

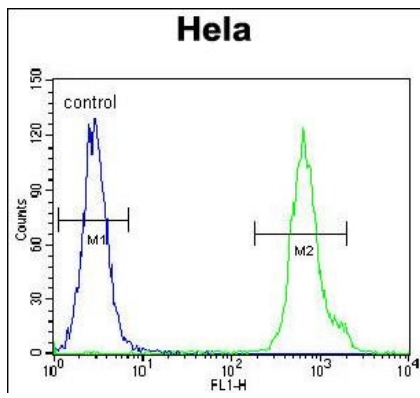


Immunofluorescent analysis of U251 cells, using LRRC45 Antibody (C-term) (Cat. #AP11368b). AP11368b was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor® 554 (red) conjugated Phalloidin (red).



LRRC45 Antibody (C-term) (Cat. #AP11368b) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LRRC45 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

LRRC45 Antibody (C-term) (Cat. #AP11368b) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.